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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/661,447	09/13/2000	Helen B. McIntosh	T2739-906589	7855

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EXAMINER

SUHOL, DMITRY

ART UNIT

PAPER NUMBER

3712

DATE MAILED: 04/23/2003

12

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/661,447

Applicant(s)

MCINTOSH, HELEN B.

Examiner

Dmitry Suhol

Art Unit

3712

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 12 March 2003.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-7, 11-15 and 20-23 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-7, 11-15 and 20-23 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

## DETAILED ACTION

The indicated allowability of claims 1-7, 11-15 and 20-23 is withdrawn in view of the newly formed rejection based on 35 USC 101. Newly formed rejections based upon 35 USC 101 follow.

### ***Claim Rejections - 35 USC § 101***

35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

Claims 1-7, 11-15 and 20-23 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter. In analyzing the claims for patent eligible subject matter, it is useful to first answer the question “What did applicant[s] invent?” In re Abele, 214 USPQ 682 (CCPA 1982). While the preambles of claims 1, 11 and 20-21 characterize the invention as a “method for enabling a conflict resolution . . .”, a careful reading of the specification reveals that the applicant’s invention can best be described as a system to create an environment conducive to communication that is hopefully peaceful. The specification makes clear that the particular object (rug, sheet, etc.) employed in the process is not important and “can be any object” (page 6, line 9). Thus the invention is essentially a species of what people and nations have done since time immemorial – communicate to avoid fighting. Stated differently the invention takes old and conventional therapeutic “role playing” and performs that old process in a specific place.

Having determined in general what the invention is, we must analyze it under the prevailing case law. The statute itself allows for the patenting of processes. However, it has been determined in many contexts that not all processes set forth patent eligible subject matter. One test that has recently been applied is whether the invention produces a useful, concrete, tangible result. See e.g., States Street Bank & Trust Co. v. Signature Financial Group Inc., 47 USPQ2d 1596 (Fed. Cir. 1998); AT&T Corp. v. Excel Communications Inc., 50 USPQ2d 1447 (Fed. Cir. 1999). Under that test, the invention must have practical utility, it must produce an assured result, and it must not be merely an abstraction lacking in physical substance.

In this case, the claimed invention does not produce a “concrete” result in the sense that it cannot be reasonably assured that conflict resolution will be predictably enabled by the steps set forth. There is simply too much subjectivity involved because the process effectively relies on the state of mind of the participants rather than an objective standard. Actual enablement of conflict resolution, much less actual resolution of conflict, is completely up to the participants. The process itself is no more than an attempt and a hoped-for result.

The claimed invention does not produce a “tangible” result in the sense that it merely manipulates abstract ideas without producing a physical transformation or conversion of the subject matter expressed in the claim so as to produce a change of

Art Unit: 3712

character or condition in some physical object. See In re Warmerdam, 31 USPQ2d 1754 (Fed. Cir. 1994); In re Schrader, 30 USPQ2d 1445 (Fed. Cir. 1994). Except for providing a script and positioning a rug, the remaining steps of the claim are effectively no more than items of conversation that are deemed abstract in nature. Mindful of the need to focus on what the inventor did in fact invent, it is not a rug (merely a designated forum) or a script (merely a recorded abstract idea). The method does not produce a physical transformation and yields no tangible result. It is thus effectively a manipulation of abstract ideas and is thus not statutory.

Even if it might be determined that the claimed method can be characterized as producing a useful, concrete, tangible result, to be proper subject matter for patent eligibility, any useful, concrete, tangible result must be within the useful or technological arts. See e.g., In re Musgrave, 167 USPQ 280 (CCPA 1970); In re Foster, 169 USPQ 99 (CCPA 1971). The Constitution empowers Congress to promote the useful arts. The term “useful arts” has been equated with “technological arts” in a number of decisions. See e.g., In re Waldbaum, 173 USPQ 430 (CCPA 1972).

In this case, the claimed invention is not within the useful or technological arts. Rather, the invention is within the realm of the liberal arts or social sciences. In Musgrave and Foster, the inventions were deemed to be within the technological arts. In those cases, each invention clearly involved computer or machine technology. But here, there is no technology involved at all. There is no technology disclosed or

claimed. The rug and the script are peripheral elements to the actual process and cannot reasonably convert an otherwise non-statutory process outside the technological arts into one that is in fact within the technological arts.

Claims 1-7, 11-15 and 20-23 do not produce a useful, concrete, tangible result in the technological arts. The invention as disclosed and claimed does not promote the progress of the useful arts. Accordingly claim 1 does not define statutory subject matter.

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dmitry Suhol whose telephone number is 703-305-0085. The examiner can normally be reached on Mon - Friday 9am-5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Derris Banks can be reached on 703-308-1745. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9302 for regular communications and 703-872-9303 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-1148.

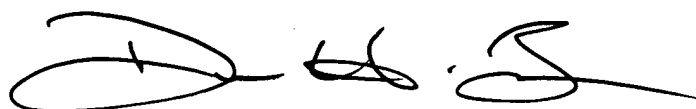
Application/Control Number: 09/661,447

Page 6

Art Unit: 3712

ds

April 21, 2003

A handwritten signature in black ink, appearing to read 'D.H.B.', with a stylized flourish at the end.

DERRIS H. BANKS  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 3700